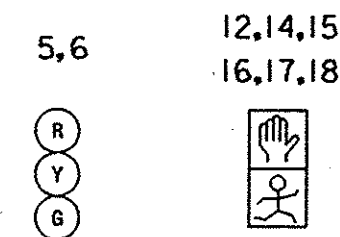
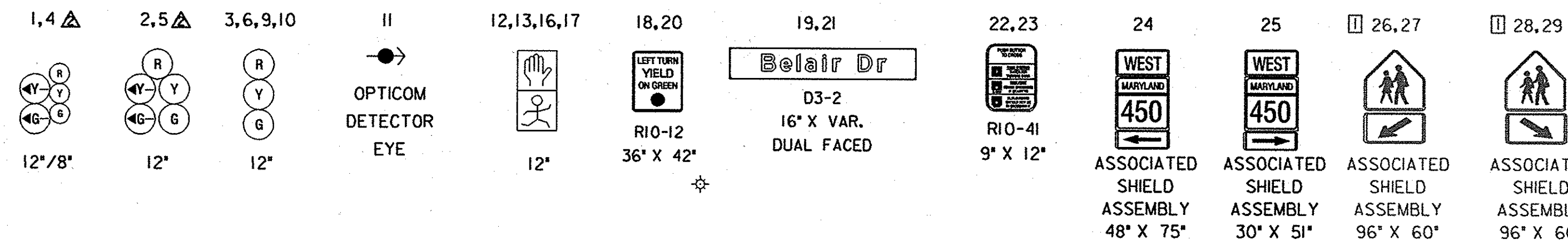


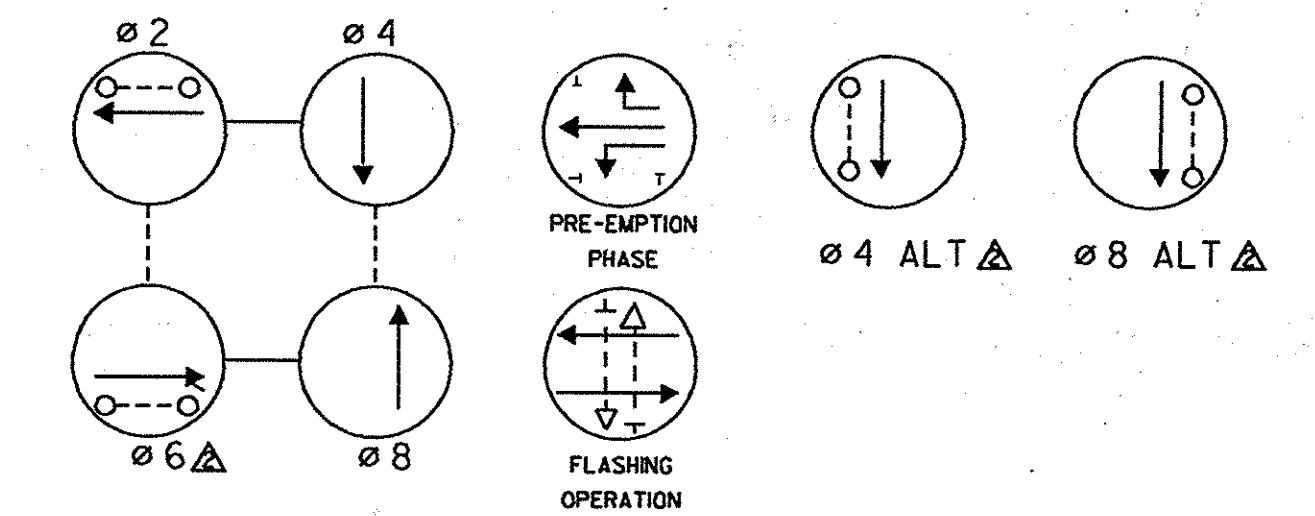
EXISTING SIGNALS



PROPOSED SIGNS/SIGNALS



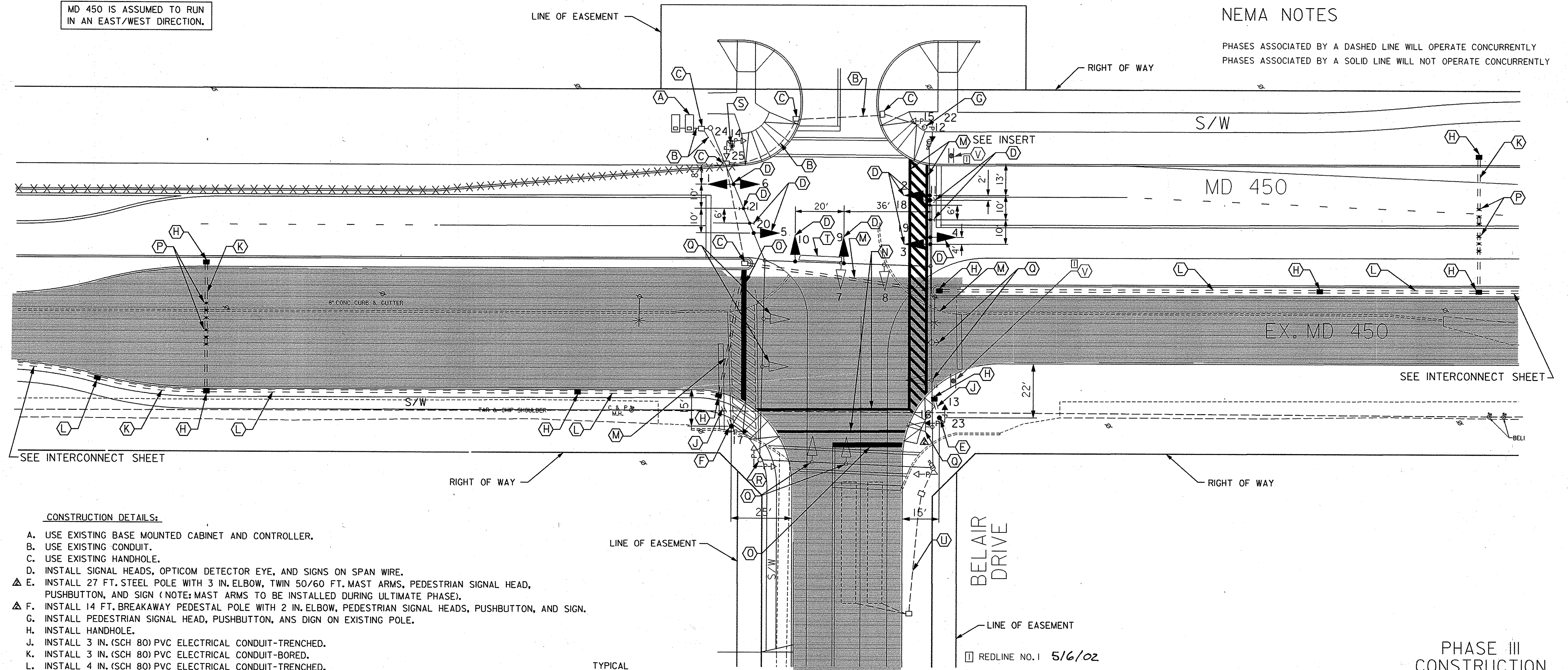
NEMA PHASING



NEMA NOTES

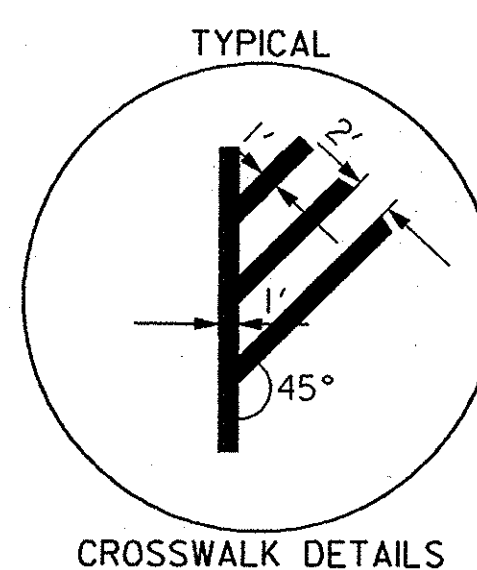
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 450 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION.



CONSTRUCTION DETAILS:

- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL SIGNAL HEADS, OPTICOM DETECTOR EYE, AND SIGNS ON SPAN WIRE.
- INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, TWIN 50/60 FT. MAST ARMS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN (NOTE: MAST ARMS TO BE INSTALLED DURING ULTIMATE PHASE).
- INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH 2 IN. ELBOW, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, AND SIGN.
- INSTALL PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN ON EXISTING POLE.
- INSTALL HANDHOLE.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSSWALK.
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- REMOVE EXISTING SIGNAL HEAD.
- BAG PEDESTRIAN SIGNAL HEAD FOR PEDESTRIAN TRAFFIC CROSSING MD 450.
- REMOVE PEDESTRIAN SIGNAL HEAD FOR PEDESTRIAN TRAFFIC CROSSING MD 450.
- REMOVE EXISTING PAVEMENT MARKING.
- CAP AND ABANDON OR REMOVE EXISTING CONDUIT.
- INSTALL GROUND MOUNTED SIGN (BACK TO BACK).



CROSSWALK DETAILS

REDLINE NO. 1 5/16/02

ADDENDUM #2 10/11/2001

PHASE III CONSTRUCTION

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REVISIONS	APPROVALS
8/2001 SIGNAL MODIFICATION DUE TO RECONSTRUCTION ON MD 450	ORIGINAL
1/99 ADD OPTICOM FIRE EMPTION PHASING	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 450 - MD 193 TO STONYBROOK DRIVE MD 450 AT BELAIR DRIVE - PHASE III SIGNAL			
DRAWN BY: MB CHECKED BY: STB SCALE: 1"=20' DATE: OCTOBER 2001	F.A.P. NO. S.H.A. NO. COUNTY: PRINCE GEORGE'S LOG MILE: 12.36	SEE TITLE SHEET PG9005571 TS-89B-IPH3A T.L.M.S. NO. D 538	SHEET NO. 435 OF 545